I Claim:

1. A method for guiding sheets to a sheet processing machine, which comprises the step of:

reducing an adhesion force between two sheets following one another in an overlapping stream by lifting a sheet trailing edge of a first sheet.

2. The method according to claim 1, which further comprises lifting the sheet trailing edge of the first sheet by blowing under from a rear position.

3. The method according to claim 1, which further comprises aligning the first sheet in a sheet transport direction before the sheet trailing edge of the first sheet is lifted.

4. The method according to claim 3, which further comprises aligning the first sheet laterally at a same time as the sheet trailing edge of the first sheet is lifted.

5. The method according to claim 3, which further comprises aligning the first sheet laterally after the sheet trailing edge of the first sheet has been lifted.

6. An apparatus for guiding sheets to a sheet processing machine, the apparatus comprising:

a lifting device for reducing an adhesion force between two sheets following one another in an overlapping stream by lifting a sheet trailing edge of a first sheet, said lifting device disposed above the overlapping stream.

7. The apparatus according to claim 6, further comprising a front edge alignment device, said lifting device being disposed at a distance of a sheet length to be processed from said front edge alignment device.

8. The apparatus according to claim 7, wherein said lifting device can be adjusted in a sheet transport direction to a sheet format to be processed.

9. The apparatus according to claim 6, wherein said lifting device has at least one nozzle.

10. The apparatus according to claim 9, wherein said nozzle is aligned tangentially with respect to a surface of the overlapping stream.

11. The apparatus according to claim 10, wherein said nozzle is aimed in a sheet transport direction.

12. The apparatus according to claim 11, wherein said nozzle is formed as a blowing/suction nozzle and can be acted on with blown air.

13. The apparatus according to claim 12, wherein said nozzle is formed as a suction gripper and can be acted on with a vacuum.

14. The apparatus according to claim 9, wherein said lifting device has a free jet nozzle in addition to said nozzle, said free jet nozzle being aimed at the overlapping sheet stream obliquely from above in a sheet transport direction.

15. The apparatus according to claim 14, wherein at least one of said nozzle and said free jet nozzle can be activated at a cycle rate of the sheet processing machine.

16. A printing press, comprising:

a sheet stack feeder;

a first lifting apparatus for forming an overlapping stream and disposed adjacent said sheet stack feeder; and

a second lifting apparatus disposed above the overlapping stream.